



## SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:02 AM

### Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 440 Const Calendar Day: 800 Date: 17-Nov-2011 Thursday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Mathur, Lalit

Approved Date:

Status: Submit

04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge

#### Weather

Temperature 7 AM 40 - 50 12 PM 50 - 60 4PM 50 - 60

Precipitation 0.00"

Condition Sunny to partly overcast

Working Day ☐ If no, explain:

#### Diary:

Dispute

##### Work description.

- Assisted the District 4 surveyors/scanners Robert Dolan and Juan Barahona with scanning the Hinge K pipe beams. All scanning views were taken from the ground holding control points TWL270 and ARMY2. The scanning operation began at 9:40am with sunny skies and an ambient temperature of 55F. The steel temperature at this time was 69F and was taken with a surface thermometer at PP1WN9. The scanning survey ended at 12:45pm with partly cloudy skies and an ambient temperature of 59F. The final steel temperature was 73F. There were a total of 4 points occupied to survey the W2 cap beam and Hinge K pipes from the ground. It should be noted that the Hinge K pipe beam protective covers were still over the end points to be surveyed. This issue also makes it difficult to scan the pipes. ABF is aware of the issue and is addressing other work at the W2 cap beam related to the cable secondary hauling system.
- Wrote outstanding diaries for the week.
- Discussed the practice survey for cable strand number 1 with Roman Granados and Rick Erskine. It has been decided that four total stations may be used to measure the midpoint sag. Two from Treasure Island for horizontal and two from the bridge deck for vertical. Temporary benchmarks on the E & W line OBGs need to be well defined before conducting this survey and better communication (different radios) will be a priority.

#### Attachment



Floating and transfer arms for the secondary hauling system on the north end of the W2 cap beam.



Setup of the Leica scanner on one occupied point where the W2 cap beam and Hinge K pipe beams were scanned.